Sandra M LondoÃ±o-Restrepo

List of Publications by Year
in descending order

19 papers	698 citations	623734 14 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	599 citing authors

#	Article	IF	Citations
1	Influence of physicochemical changes of the avocado starch throughout its pasting profile: Combined extraction. Carbohydrate Polymers, 2022, 281, 119048.	10.2	35
2	Determination of basal bone mineral density in the femur bones of male and female Wistar rats. Laboratory Animals, 2021, 55, 30-42.	1.0	2
3	Crystalline structures of the main components of starch. Current Opinion in Food Science, 2021, 37, 107-111.	8.0	95
4	Comparative study of physicochemical properties of bio-hydroxyapatite with commercial samples. Materials Chemistry and Physics, 2021, 259, 124201.	4.0	19
5	Physicochemical characterization of Amaranth starch insulated by mechanical separations. International Journal of Biological Macromolecules, 2021, 177, 430-436.	7.5	8
6	Physicochemical properties of 3D bovine natural scaffolds as a function of the anterior-posterior, lateral and superior-inferior directions. Materialia, 2021, 16, 101100.	2.7	5
7	Study of morphological, structural, thermal, and pasting properties of flour and isolated starch from unripe plantain (Musa paradisiaca). International Journal of Biological Macromolecules, 2021, 183, 1723-1731.	7.5	17
8	Synthesis and characterization of nano-hydroxyapatite added with magnesium obtained by wet chemical precipitation. Progress in Natural Science: Materials International, 2021, 31, 575-582.	4.4	27
9	Synthesis and characterization of bioinspired nano-hydroxyapatite by wet chemical precipitation. Ceramics International, 2021, 47, 32775-32785.	4.8	31
10	Nano to micro size transition of hydroxyapatite in porcine bone during heat treatment with low heating rates. Progress in Natural Science: Materials International, 2020, 30, 494-501.	4.4	23
11	In-situ XRD study of the crystal size transition of hydroxyapatite from swine bone. Ceramics International, 2020, 46, 24454-24461.	4.8	28
12	In situ study of hydroxyapatite from cattle during a controlled calcination process using HT-XRD. Materials Science and Engineering C, 2019, 105, 110020.	7.3	20
13	Effect of the crystal size on the infrared and Raman spectra of bio hydroxyapatite of human, bovine, and porcine bones. Journal of Raman Spectroscopy, 2019, 50, 1120-1129.	2.5	30
14	Study of microstructural, structural, mechanical, and vibrational properties of defatted trabecular bovine bones: natural sponges. , 2019, , 441-485.		6
15	Effect of the Nano Crystal Size on the X-ray Diffraction Patterns of Biogenic Hydroxyapatite from Human, Bovine, and Porcine Bones. Scientific Reports, 2019, 9, 5915.	3.3	174
16	Morphological, structural, thermal, compositional, vibrational, and pasting characterization of white, yellow, and purple Arracacha Lego-like starches and flours (Arracacia xanthorrhiza). International Journal of Biological Macromolecules, 2018, 113, 1188-1197.	7.5	51
17	Cooling rate effects on thermal, structural, and microstructural properties of bioâ€hydroxyapatite obtained from bovine bone. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 339-344.	3.4	32
18	Study of bovine hydroxyapatite obtained by calcination at low heating rates and cooled in furnace air. Journal of Materials Science, 2016, 51, 4431-4441.	3.7	49

#	Article	IF	Citations
19	Physicochemical, morphological, and rheological characterization of Xanthosoma robustum Lego-like starch. International Journal of Biological Macromolecules, 2014, 65, 222-228.	7.5	46